

Multi-Step Equations WKSH #1**NAME** _____

1. $3n - 21 = 2n$

2. $-3b = 96 + b$

3. $2(x + 4) = 6x$

4. $12 - 6r = 2r + 36$

5. $21 - y = -87 + 2y$

6. $2v - 54 = -v + 21$

7. $6 - y = -y + 2$

8. $25c + 17 = 5c - 143$

9. $\frac{4}{3}u - 6 = \frac{7}{3}u + 8$

10. $3k - 5 = 7k + 7$

11. $7 + 6z = 8z - 13$

12. $18d - 21 = 15d + 3$

13. $12p = 6 - 3p$

14. $9 + 3k = 2k - 12$

15. $\frac{5}{6}t + 4 = 2 - \frac{1}{6}t$

$$16. 3 + 8(2m + 1) = 11 + 16m$$

$$17. 3 + 2(k + 1) = 6 + 3k$$

$$18. 3(z - 2) + 6 = 5(z + 4)$$

$$19. 6r + 5 = 8(r + 2) - 2r$$

$$20. 28 - 14z = -24 + 12z$$

$$21. -2(2c - 4) = \frac{1}{3}(-12c + 24)$$

$$22. 9[n + 2(n - 2)] = 45$$

$$23. \frac{u}{0.3} = 4u + 6.28$$

$$24. \frac{g-2}{5} = \frac{g+4}{7}$$

$$25. 0.3x - 15 = 0.2x - 5$$